

DOCUMENT RESUME

ED 274 339

IR 012 331

**TITLE** Resource Materials Used in Distance Teaching by Higher Education Institutions.

**INSTITUTION** United Nations Educational, Scientific, and Cultural Organization, Bangkok (Thailand). Regional Office for Education in Asia and the Pacific.

**PUB DATE** 84

**NOTE** 49p.; A product of the Regional Cooperative Programme in Higher Education for Development.

**PUB TYPE** Reports - Descriptive (141) -- Reference Materials - Directories/Catalogs (132)

**EDRS PRICE** MF01/PC02 Plus Postage.

**DESCRIPTORS** Audiotape Cassettes; Computer Managed Instruction; \*Correspondence Study; \*Curriculum Development; \*Developing Nations; \*Distance Education; Filmstrips; Higher Education; \*Instructional Materials; \*Media Selection; Study Guides; Tutorial Programs; Units of Study; Videodisks; Videotape Cassettes

**ABSTRACT**

Intended for use by institutions in developing countries as a source of information for locating available resources on which to draw for training and planning activities in distance education, this directory provides information on the types of instructional materials that are being used by 34 institutions of higher education in Australia, India, Pakistan, New Zealand, Sri Lanka, and Thailand. The information was compiled through the use of proformas sent to a number of institutions in 11 countries. The institutions that responded are listed by country in alphabetical order and the instructional materials are listed together with the appropriate subjects or courses of study. Instructional media most commonly used are printed correspondence, audiocassette tapes, and videocassettes, but some of the programs also use telephone tutorials, study guides, filmstrips, computer managed instruction or videodisc. Information on instructional materials includes the language(s) they are available in; the person to contact for further information; and, in some cases, the prices of materials and suitability of courses for other institutions. The proforma that was used to collect the information is appended. (DJR)

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Regional Co-operative Programme in  
Higher Education for Development

ED274339

# RESOURCE MATERIALS USED IN DISTANCE TEACHING BY HIGHER EDUCATION INSTITUTIONS



Unesco Regional Office  
for Education in Asia and the Pacific

Bangkok, 1984

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Maria LaoSunthara

Unesco. Regional Office for Education in Asia and the Pacific.

*Resource materials used in distance teaching by higher education institutions.* Bangkok, 1984.

44 p. (Regional Co-operative Programme in Higher Education for Development)

1. INSTRUCTIONAL MATERIALS - HIGHER EDUCATION - ASIA/PACIFIC. 2. DISTANCE EDUCATION - INSTRUCTIONAL MATERIALS - ASIA/PACIFIC. 3. DISTANCE EDUCATION - DIRECTORIES - ASIA/PACIFIC. 4. INSTRUCTIONAL MATERIALS - DIRECTORIES - ASIA/PACIFIC. I. Title. II. Series.

371.3

374.4

(Directories) 

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Published by the  
Unesco Regional Office for Education in Asia and the Pacific  
P.O. Box 1425, General Post Office  
Bangkok 10500, Thailand

Printed in Thailand

TABLE OF CONTENTS

Introduction . . . . .	1
Institutions of Distance Education	
Australia . . . . .	3
India . . . . .	21
New Zealand . . . . .	35
Pakistan . . . . .	37
Sri Lanka . . . . .	38
Thailand . . . . .	39
Appendix A : Proforma used for collecting information .	43

## INTRODUCTION

This short directory contains some basic information on the types of instructional materials that are being used by 34 institutions of higher education in Australia, India, Pakistan, New Zealand, Sri Lanka and Thailand. A proforma was sent to a number of institutions in eleven countries through their respective National Commissions for Unesco. Information compiled in this publication is based on the returned proformas and other materials that were contributed at the same time. A few of the proformas, however, could not be used as these were incomplete or the data were not made available in a meaningful way for the present purpose. In other cases, no responses were received from the institutions.

It may be observed that a wide variety of courses are being offered and materials used in distance teaching modes. In many cases these form complex combinations, making it all the more difficult to present the data in a comparative framework. A simple approach, however, has been adopted in that generally the instructional materials have been listed together with the subjects or courses of study. The institutions have been listed by country in alphabetical order.

It is evident that printed correspondence materials in one form or the other are the most commonly used instructional materials. In the industrialized countries like Australia and New Zealand which also have a long history of distance teaching, there is also an extensive use of audio cassette tapes. This relatively simple and inexpensive device also constitutes an important component of the media used by the distance teaching universities in Pakistan, Sri Lanka and Thailand. The popularity of other means such as video cassette, telephone tutorial seems to be on the increase. The role of radio and television is minimal in formal instruction with the exception of the three universities in Pakistan and Thailand which make substantial use of both radio and television.

The directory does not list all the institutions in this vast region nor does it give a complete account of how various media are being used in distance teaching. What it contains may be regarded as exemplars. It is hoped that the directory will be particularly useful for institutions in the developing countries as a source of information for locating available resources on which to draw for training and planning activities.

*Resource materials used in distance teaching*

The Unesco Regional Office for Education in Asia and the Pacific expresses its sincere thanks to all those National Commissions for Unesco and institutions of higher education for their help and co-operation in making this publication possible.

The Unesco Regional Office for Education will welcome any additional information or suggestions which may be used to improve and update the directory.

## AUSTRALIA

Brisbane College of Advanced Education  
130 Victoria Park Road  
Kelvin Grove, Queensland 4059  
Australia

Dr. P.B. Botsman, Director

The College offers the following courses at post-graduate level by external studies:

Bachelor of Education

Graduate Diploma in Educational Administration

Graduate Diploma in Religious Education

Graduate Diploma in Reading

The following additional courses will become available in 1985:

Graduate Diploma in Computer Education

Associate Diploma in Industrial Relations

There is a total of approximately 120 units available and most comprise instructional materials in the form of written notes, books of readings and study guides. Some units make use of audio-tapes, colour slides, science kits and/or other aids. General subject areas covered include education, psychology, mathematics, computer education, home economics, physical education, accounting, manual arts, English literature, art.

All the materials are in English.

Because units are designed for specific courses and for students with specific backgrounds, they may not be suitable or even readily available to other institutions. Those who might wish to use these materials may contact Brisbane College of Advanced Education who will be happy to provide help and guidance.

For further information, contact Mr. B. Scriven, Co-ordinator of External Studies, Brisbane College of Advanced Education.

*Resource materials used in distance teaching*

Capricornia Institute of Advanced Education  
Rockhampton, Queensland 4700  
Australia

Dr. Arthur Appleton, Director

Instructional Material	Subject/Area	Level
Correspondence Lessons/study guides	Business Management Physics - Industrial Instrumentation Physics (including Geo-physics) Biological Lab Techniques Biological Aquatic Resource Management Applied Biology Applied Chemistry Computing Applied Maths Engineering - Structural Timber Technology	Assoc Dip Grad Dip Assoc Dip Degree Assoc Dip Assoc Dip Assoc Dip Degree Assoc Dip/ Degree Assoc Dip Degree Grad Dip
Also Science kits	Micro-processors Geological Rock Samples Digital Electronics Computer Hardware	Assoc Dip Assoc Dip/ Degree Assoc Dip Assoc Dip
Computer Aided Learning These are delivered on floppy discs on Apple II	Biology Accounting Economics	Assoc Dip/ Degree Assoc Dip Assoc Dip

All the above materials are in English.

For further information, write to Mr. Geoff Arger, Acting Director, External Studies, Capricornia Institute of Advanced Education.

Australia

Darling Downs Institute of Advanced Education  
Post Office Darling Heights  
Toowoomba, Queensland 4350  
Australia

Dr. L.J. Barker, Director

Subject/Area	Level	Correspondence Lessons	Study Guides	Audio Cassette Tapes	Video Cassette Tapes	Number Theory Kit	35mm Film Strips	Photogrammetry & Mapping Material	Electronic Experimental Kit	Computer Managed Learning	Intelligent Videodisc
Mathematics & computing	Assoc Dip	x	x	-	-	x	-	-	-	-	-
Asian Studies - historical, geographical & cultural	Assoc Dip	x	x	-	-	x	-	-	x	-	-
Accounting	Assoc Dip	x	-	x	x	-	-	-	-	x	-
Computing	Degree	x	x	-	-	-	-	-	-	x	-
Marketing	Degree	x	-	x	x	-	-	-	-	-	-
Operations management	Degree	x	-	x	-	-	-	-	-	x	-
Personnel management	Degree	x	-	x	-	-	-	-	-	-	-
Education	Dip	x	x	x	-	-	-	-	-	x	-
Educational administration	Grad Dip	x	-	-	-	-	-	-	-	x	-
Education	Degree	x	x	x	-	-	-	-	-	x	-
Education (tertiary)	Grad Dip	x	x	x	x	-	-	-	-	-	-
Education (exceptional children)	Grad Dip	x	x	x	x	-	-	-	-	-	-
Civil engineering	Assoc Dip	x	x	x	x	-	-	-	-	x	-
Mechanical engineering	Assoc Dip	x	x	-	x	-	-	-	-	x	x
Surveying	Assoc Dip	x	-	x	-	-	-	x	-	-	-
Electrical engineering	Assoc Dip	x	x	x	x	-	-	x	x	-	-

All materials are in English.

Modifications to the print-based packages for some courses have been made to satisfy the special constraints imposed by students undertaking units through the DDIAE - University of the South Pacific technology project. The programme enables students of South Pacific countries to enrol in some DDIAE based units.

For further detail, correspondence may be made with the Head, DECE of Darling Downs Institute of Advanced Education.

*Resource materials used in distance teaching*

Gippsland Institute of Advanced Education  
Switchback Road  
Churchill, Victoria  
Australia, 3842

Mr. N.W. Terrill, Acting Director

Instructional Material	Subject/Area	Level
These mainly include written study materials supplemented by audio cassette tapes	<u>Applied Science</u> inc - Physical Science - Applied Chemistry - Applied Biology	Depending on the subjects the awards are:
	<u>Business</u> inc - Accounting - Administration - Business Law	Bach Degree Diploma Associate Diploma
	<u>Education</u> inc - Primary - Secondary	Graduate Diploma
	Economics Sociology Welfare Studies Mathematical Sciences inc - Computing Political/Historical Studies Psychology	

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All instructional materials are in English.

For further details, write to Mr. John Evans, Head, External Studies, Gippsland Institute of Advanced Education.

Macquarie University  
North Ryde, NSW 2113  
Australia

Emeritus Prof. Edwin C. Webb,  
Vice-Chancellor

Instructional Material	Biology	Chemistry	Earth Sciences	Education	History	Mathematics	Physics	Law	Slavonic Studies
Study guides	x	x	x	x	x	x	x	x	x
Audio cassette recordings	x		x	x	x	x	x	x	x
Biology kits	x								
Mineral kits			x						
35mm slides	x		x						
Map sets			x						
Reprints	x		x	x	x				x
Electronic kits							x		
Microscopes	x		x						
Stereo viewers and plates			x						
Diffraction gratings							x		
Molecular kits		x							
Selected case studies							x		

Undergraduate students can enrol in all schools and courses under the external studies programme. Only Earth Science is available, for post-graduate students in Diploma and Masters courses.

Instructional language is English.

For further information, write to the Director, Centre for Evening and External Studies, Macquarie University.

*Resource materials used in distance teaching*

Mitchell College of Advanced Education  
Bathurst, NSW 2795  
Australia

Dr. M.E. McMichael, Principal

Instructional Material	Subject/Area	Level
Usual instructional materials are study guides, printed lecture notes and textbooks. In some units study guides are supplemented by audio cassette tapes and in other cases video tapes are also used.	<u>School of Teacher Education</u> Early Childhood Education Conversion General Primary Conversion Language in Education Special Education Course for graduates preparing to become secondary teachers Course for Primary/Infant teachers to obtain four-year-trained status	Bach Degree and/or Associate Diploma, Graduate Diploma and Diploma levels
Residential schools are a feature of the external programme.	<u>School of Business and Public Administration</u> Business Accounting Personnel Management and Industrial Relations Marketing Data Processing Local Government Banking and Finance Health Administration Management Studies	
	<u>School of Social Sciences and Welfare Studies</u> Counselling Vocational Rehabilitation Justice Administration Social Science (Welfare Studies)	

Australia

Instructional Material	Subject/Area	Level
	<u>School of Mathematics, Applied Science and Planning</u>	
	Environmental Studies	
	Town and Country Planning	
	Planning	
	Industrial Mathematics	

(Not all courses have been listed)

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All the instructional materials used in the above courses are in English.

For further information, write to Mr. J.S. Hague, Director, Division of External Studies and Continuing Education, Mitchell College of Advanced Education.

*Resource materials used in distance teaching*

Murdoch University  
External Studies Unit  
Murdoch  
Western Australia 6150

Prof. F.M.G. Willson,  
Vice-Chancellor

Instructional Material	Subject/Area	Level
Printed study guides and course materials for 140 courses offered in external study mode 1984.	Education Teacher Education Education Studies Population and World Resources Comparative Literature Asian Studies Literature and Communication (Masters)	All programmes are offered at the tertiary level. Depending on the subjects, Bachelor Degree, Master Degree, Diploma etc. are awarded.
Audio cassettes containing course materials for courses referred to above.	Mathematics Mineral Science Physics Economics History Social and Political Theory	
Home study science kits.	General Studies	
External studies guidelines for Course Co-ordinators. External studies notes for tutors.		
Telephone tuition and experimental use of FM radio subcarrier.		

All materials are in English.

For further information, correspondence may be addressed to Director of External Studies, Murdoch University.

Orange Agricultural College  
(A College of Advanced Education)  
P. O. Box 883  
Orange, NSW 2800  
Australia

Mr. Robert J. Napier, Principal

Instructional Material	Subject/Area	Level	Comment
Generally, study booklets mailed to the student. In a minority of cases audio and video tapes are also used. Also short residential school periods twice each year for intensive tuition by the College's staff.	Farm Management Farm Secretarial Studies Horticulture (fruit and vegetable management) Environmental Control	Assoc Dip Assoc Dip Assoc Dip Assoc Dip	Post-secondary industry experience essential before admission to Farm Management and Horticulture courses.

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All materials are in English.

For further information, write to Mr. Christopher K. Morgan, Head, External Programmes, Orange Agricultural College.

*Resource materials used in distance teaching*

Riverina College of Advanced Education  
Division of External Studies  
McDermott Drive  
Goulburn, NSW 2580  
Australia

Dr. C.D. Blake, Principal

Instructional Material	Subject/Area	Level
Materials include study guides, correspondence lessons, audio cassette tapes, textbooks, etc.	<u>School of Agriculture</u> Wine Science Agriculture - farming, horse husbandry Agricultural Protection Horticulture	Bach Degree Assoc Dip Assoc Dip Assoc Dip
	<u>School of Applied Science</u> Clinical Science Applied Biology Laboratory Technology Park Management	Grad Dip Bach Degree Assoc Dip Assoc Dip
	<u>School of Commerce</u> Industrial Relations and Training Taxation Law Administration Accountancy Laboratory Management Administration	Grad Dip Grad Dip Bach Degree Assoc Dip Bach Bus Assoc Dip
	<u>School of Education</u> Computer in Education Literacy Resource Teaching Early Childhood Education Education - Agriculture, Science, Social Science, Conversion Education - General Primary Conversion Education - Industrial Arts Nursing	Dip Dip Teaching

Instructional Material	Subject/Area	Level
	<u>School of Humanities &amp; Social Sciences</u>	
	Education - Intercultural Communication	Grad Dip/ Assoc Dip
	Community Social Services	Bach Degree
	Consumer Affairs	Bach Degree
	Community Services	Assoc Dip
	Mining Management	Assoc Dip
	Liberal Studies	BA
Materials include study guides, suggested reading, lecture notes, either written or on audio cassette tapes, reading lists, etc.	<u>School of Information Studies</u> Library and Information Science School Librarianship Computing	Grad Dip/ Bach Degree Grad Dip Assoc Dip

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All materials are in English.

For further information, contact Dr. L.R. Eastcott, Director, Goulburn Campus of Riverina College of Advanced Education.

*Resource materials used in distance teaching*

The University of New England  
Armidale, NSW 2351  
Australia

Prof. R.C. Gates, Vice-Chancellor

Instructional Material	Subject/Area	Level
Essentially printed study guides and reference material supplemented by audio cassettes, prescribed tests and a library mailing service.	Accounting and Financial Management	Undergraduate and/or post-graduate
Compulsory residential schools are held on campus (4 to 8 days per semester) and voluntary weekend schools are held throughout the year on an irregular basis with academic staff of the University travelling to Sydney for this purpose.	Agricultural Economics Ancient History Biology Biostatistics Business Management Computing Science Economics Economic History Economic Statistics Ecosystem Management Education English Environmental Studies Genetics Geography History Human Bioscience Legal Studies Mathematics (Pure Applied Principles) Mathematical Statistics Musicology Philosophy Politics Prehistoric Archaeology Psychology Sociology Urban and Regional Planning	

(Listing does not include all the subjects)

All materials are in English

For further detail, correspondence may be addressed to Mr. K.C. Smith, Director of External Studies, University of New England.

The University of New South Wales  
P. O. Box 1  
Kensington, NSW 2033  
Australia

Prof. Michael Birt, Vice-Chancellor  
and Principal

Instructional Material	Subject/Area	Level	Comment
Audio and video cassette with accompanying lecture notes	Accounting Architecture and Building Business Chemical Engineering Communication Computing Economics Education Electronics Engineering Environment Libraries Paramedical Psychology Statistics and Maths System	Undergraduate and professional Post-graduate and professional Undergraduate and professional Post-graduate and professional Professional	Can be used for professional refresher courses " " Teacher refresher courses Professional refresher courses Teacher refresher courses Professional refresher courses " " "
Mainly printed lecture notes	Health Administration	Undergraduate (BHA) and graduate (MHA)	-

A wide variety of lectures make up the above programme consisting of about 150 courses. All materials are in English.

Materials can be purchased \$8 per audio cassette and \$30 per video cassette.

For further information, contact Division of Post-graduate Extension Studies, the University of New South Wales.

*Resource materials used in distance teaching*

Victoria College  
(A College of Advanced Education)  
Box 224  
Malvern, Victoria 3144  
Australia

Dr. C. Campbell, Principal

Subject/Area	Level	Study Guide Notes	Readings	Audio Tapes	Slides	Instruction Manuals	Comments
<u>Primary Teacher Education</u>	(Under grad)						Appropriate for in-service education for primary school teachera
Professional Studies in Education		x	x	x	-	-	
Primary School Curriculum Studies		x	x	x	-	-	
General Studies		x	x	x	-	-	
<u>Reading Education</u>	Grad Dip						
Language and Reading		x	x	-	-	-	
Reading Performance		x	x	-	-	-	
<u>Educational Technology</u>	Grad Dip						
Instructional design		x	x	x	x	x	
Material production		x	x	x	x	x	
Resource management		x	x	x	x	x	
<u>Children's Literature</u>	Grad Dip	x	x	-	-	-	

All materials are in English.

For further information, write to Mr. Geoff Tolsher, Co-ordinator, External Studies Centre.

Victorian TAFE Off-Campus Network  
17-19 Anthony Street  
Melbourne 3000  
Australia

Mr. Jack Foks, Head

Instructional Material	Subject/Area	Level
Most of the instructional materials are produced in printed form. Audio cassettes are also used in a number of subjects.	Conservation and Resource Development Literacy Technician Accounting Advertising Banking General Business Studies Law Real Estate Safety Sales Supply Timber Construction Electronics Quarrying/Surface Mining Farm Studies Boiler Attendant Library Technician Building Societies Hospital Procedures Production Building Surveying Electrical Clerical Practice Concrete Technology Estimating for Printers Spelling Higher School Certificate Homebuying Italian Year 10 Subjects Year 11 Subjects Navigation for Yachtsmen	Most of the courses are at the Certificate level.

*Resource materials used in distance teaching*

Instructional Material	Subject/Area	Level
	Planning and Starting a Small Business	
	Police Studies	
	Preparatory Trade Subjects	
	Pulp and Papermaking	
	Road Foreman and Municipal Works Superintendent	
	Science Studies	
	Shorthand	
	Steam Engine Driving	
	Supervision Certificate	
	Building Foreman	
	Building Inspector	
	Television Servicing	
	Dictation	
	35mm Motion Picture Projection	
	Typewriting	
	Weights and Measures	
	Welding	

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All materials are in English.

For further details, write to Mr. Jack Foks, Head, Victorian TAFE Off-Campus Network.

Warrnambool Institute of Advanced Education  
P. O. Box 423  
Warrnambool, VIC 3280  
Australia

Mr. David Roach, Principal

Subject/Area	Level	Introductory Booklets	Booklets of Readings	Note Booklets	Audio Tapes	Slides
Municipal Engineering	Post Grad Dip	x	x	x	x	-
Accounting	Post Grad Dip	x	x	x	-	-
Special Assistance Teaching	Post Grad Dip	x	x	x	x	-
Decentralization and Regional Development	Post Grad Dip	x	x	x	x	-
Business (Accounting)	Bach Degree	x	x	x	x	-
Business (Applied Economics)	Bach Degree	x	x	x	x	-
Arts (Social Science)	Bach Degree	x	x	x	x	-
Education (Primary Teaching)	Bach Degree	x	x	x	x	x

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All materials are in English.

For specific information, correspondence may be addressed to the Head, External Studies of Warrnambool Institute of Advanced Education.

*Resource materials used in distance teaching*

Western Australia College of Advanced Education  
P. O. Box 217  
Doubleview  
Western Australia 6018

Dr. D.A. Jecks, Director

Instructional Material	Subject/Area	Level	Comment
Study Guide (correspondence)	*Education *Reading Education Readings  *also Audio Tapes	2 years' diploma, degree and diploma courses	Used for training teachers and to provide non-teachers with opportunities to acquire post-graduate studies in religious education studies, children's literature, multicultural studies and career education studies

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All materials are in English.

For further information, contact Mr. D.C. Briggs, Head, Extension Service, Western Australia College of Advanced Education.

## **INDIA**

**Central Institute of English and  
Foreign Languages  
Hyderabad 500007  
India**

**Prof. Ramesh Mohan, Director**

<b>Instructional Material</b>	<b>Subject/Area</b>	<b>Language</b>	<b>Level</b>
Correspondence lessons supplemented by audio cassette tapes	English Language Teaching	English	Post MA
Correspondence lessons	French	French	MA
Correspondence lessons	Russian	Russian	MA
Lessons and other teaching materials	German	German	MA

**Comment:** Self-instructional materials are also available for English Language Teaching at undergraduate level.

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**For further information, write to Prof. Ramesh Mohan, Director,  
Central Institute of English and Foreign Languages.**

*Resource materials used in distance teaching*

Department of Correspondence Course  
SNDT Women's University  
Sir Vithaldas Vidyavihar  
Juhu Road, Santacruz (West)  
Bombay 400 049  
India

Mrs. Kamalini H. Bhansali, Registrar

Instructional Material	Subject/Area	Level
Correspondence lessons	English Gujarati Hindi Marathi Economics Geography History Politics Psychology Sociology Commerce	BA B. Com

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Instructional materials are in English, Hindi, Gujarati and Marathi depending on the subjects.

For further details, write to Mrs. Kamalini H. Bhansali, Registrar, SNDT Women's University.

*India*

Department of Physics  
Himachal Pradesh University  
Shimla 171005  
India

Prof. A.W. Joshi, Head of Department

Instructional Material	Subject	Level
Correspondence lessons	Everyday Physics	Undergraduate

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Correspondence lessons are in Hindi.

For further information, write to Prof. A.W. Joshi, Head of Physics Department, Himachal Pradesh University.

*Resource materials used in distance teaching*

Directorate of Correspondence Courses  
H.P. University  
Summer Hill, Shimla-5  
India

Dr. K.P. Pandey, Professor and  
Director of Correspondence Courses

Instructional Material	Subject/Area	Language	Level
Printed lessons on modular basis. Also audio cassette tapes.	Education Commerce Economics History Political Science Hindi, English, Sanskrit	English Concerned language	Master Degree

Undergraduate courses are also offered in a number of subjects.

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For further information, write to Prof. K.P. Pandey, Director of Correspondence Courses, H.P. University.

**Directorate of Correspondence Courses  
Kurukshetra University  
Kurukshetra-132 119 (Haryana)  
India**

**Dr. B.S. Gupta, Director,  
Correspondence Courses**

Instructional Material	Subject/Area	Level
Correspondence lessons	English Hindi Sanskrit Economics History Political Science Public Administration	Undergraduate (Introduction of post- graduate courses is under consideration)

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Depending on the subjects, instructional materials are available in Hindi and English.

For further information, write to Dr. B.S. Gupta, Director, Correspondence Courses, Kurukshetra University.

*Resource materials used in distance teaching*

Directorate of Correspondence Courses  
Panjab University  
Chandigarh  
India

Dr. S. Bhatnagar, Director

Instructional Material	Subjects	Language	Level
Printed lesson scripts. Also radio talks.	Economics, History Geography, Sociology, Political Science, Philosophy, Public Administration, Urdu, Psychology, Sanskrit, English, Hindi, Maths, Punjabi, Commerce and Military Science	English, Hindi and Punjabi depending on subjects and level at which offered	Pre-university/ under-graduate (Bachelor Degree)
	English, Hindi, Punjabi,	English, Hindi Punjabi respectively	Master Degree
	Political Science, History, Economics, Public Administration	English	

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For further information, write to Shri Satyapal Anand, Director, Directorate of Correspondence Courses, Panjab University.

**Directorate of Correspondence Courses  
Punjabi University  
Patiala-147002  
India**

**Prof. Bakhshish Singh, Director**

<b>Instructional Material</b>	<b>Subject/Area</b>	<b>Level</b>
Information bulletin, supplement to lessons containing university examination questions of previous years and suggested questions, radio talks for correspondence courses, and personal contacts.	English, Punjabi, Hindi, History, Political Science, English Literature, Punjabi Literature, Mathematics, Religious Studies, Defence Studies, Public Administration, General Education, Punjab History and Culture, Sanskrit, Economics	Undergraduate
	Punjabi, English, Political Science, History, Economics	Post-graduate
	Library Science	Diploma

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Instructional materials are available in English, Hindi, Punjabi, Urdu at undergraduate level and in English, Punjabi at post-graduate level.

For further details, contact Prof. Bakhshish Singh, Director, Correspondence Courses, Punjabi University.

*Resource materials used in distance teaching*

Directorate of Correspondence Courses  
Utkal University Vani Vihar  
Bhubaneswar-751004  
Orissa, India

Dr. R.S. Rath, Director

Instructional Material	Subject/Area	Level
Printed correspondence lessons	English Oriya Political Science Economics History Mathematics Philosophy Sanskrit Commerce	Intermediate/ Bachelor Degree

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Most of the correspondence lessons are in English. Oriya is used in some of the subjects at the Intermediate Level (i.e. 11 and 12 grades).

For further details, correspondence may be addressed to Dr. R.S. Rath, Director, Correspondence Courses, Utkal University.

Institute of Correspondence Courses  
University of Kerala  
Kariavattom-695 581  
Kerala State  
India

Dr. N. Jose Chander, Director

Institutional Material	Subject/Area	Level
Correspondence lessons	Economics Political Science History Commerce	Undergraduate courses. (Likely to start post-graduate courses in Commerce, History and Political Science shortly)

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All correspondence lessons are in English.

For further details, contact Dr. N. Jose Chander, Director,  
Institute of Correspondence Courses, University of Kerala.

*Resource materials used in distance teaching*

Institute of Correspondence Courses  
and Continuing Education  
University of Allahabad  
Allahabad, Uttar Pradesh  
India

Mr. J.K. Jain, Acting Director

Instructional Material	Subject/Area	Level
Correspondence courses	Hindi Sanskrit English Philosophy Political Science History Economics Commerce and Business	Undergraduate (Bachelor Degree)

Comment: Under Commerce and Business, a number of specialized courses are offered such as accountancy, banking, insurance, commercial law and etc.

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Depending on the subjects, instructional materials are in English or Hindi.

For further information, contact the Director, Institute of Correspondence Courses and Continuing Education, Allahabad University.

Institute of Correspondence Education  
University of Jammu  
Canal Road, Jammu 180 001  
India

Prof. K.L. Gupta, Director

Instructional Material	Subject/Area	Language	Level
Printed/ mimeographed study materials. Also personal contact pro- grammes and library services.	<u>Languages</u>  English Literature, Urdu, Punjabi, Sanskrit, Persian, Hindi	Medium of instruction is English	BA/B.Com/B.Ed/LLB
	<u>Social Sciences</u>  Economics, Political Science, History, Education, Philosophy, Business Management, Mathematics		
	Language (English)	English	English Improvement Certificate course.
	Language (Urdu)	Hindi/Urdu	Certificate course in Learn Urdu through Hindi Medium

Comments: B.Ed course materials can be used for training of primary school teachers and in-service teachers.  
English Improvement Course can be used for professional improvement of school teachers.  
Learn Urdu through Hindi Medium is also meant for school teachers.  
Depending on the combination of subjects required for a particular degree programme (BA, BCom, BEd, LL.B) the subjects grouped under "Languages" and "Social Sciences" are offered as required or elective subjects.

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For further information, write to Prof. K.L. Gupta, Director,  
Institute of Correspondence Education, University of Jammu.

*Resource materials used in distance teaching*

Regional College of Education  
Manasagangotri  
Mysore-570006  
India

D.: A.K. Sharma, Principal

Instructional Material	Subject/Area	Language	Level
Correspondence lessons	Foundation areas in Education (Philosophy and Sociology of Education, Educational Psychology, Problems of Education)	English	In-service teachers undergoing training for B.Ed Degree
Handbook on Supervised Teaching	Student Teaching	English	As above

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For further details, write to Dr. C. Sesbadri, Professor and Head, Department of Education, Regional College of Education.

School of Correspondence Courses  
Andhra University  
Waltair-530 003  
India

Prof. V. Abraham, Director

Instructional Material	Subject/Area	Language	Level
Master lessons	<u>Arts</u> History, Politics, Public Admin. Sociology, Maths & Economics English Literature Telugu Literature Hindi Literature Economics, Public Admin. English Literature Co-operation and Rural Studies	English & Telugu English Telugu Hindi English	BA BA MA Post-Graduate Dip
	<u>Commerce</u> Accounts, Commercial Geography, Taxation Mercental Law, Business Organization Accountancy, Taxation, Banking Agricultural and Co-operation	English	B.Com M.Com
	<u>Sciences</u> Physics and Chemistry	English	BSc
	<u>Education</u> Psychology, Methods of Teaching, School Admin., Philosophical and Sociological Foundation	English	B.Ed/M.Ed

Comments: B.Ed courses are meant exclusively for in-service teacher candidates working within the State of Andhra Pradesh.

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For further details, write to Prof. V. Abraham, Director, School of Correspondence Course, Andhra University.

*Resource materials used in distance teaching*

School of Correspondence Courses  
and Continuing Education  
5, Cavalry Lines  
University of Delhi  
Delhi-7, India

Shri Ruddar Datt, Principal

Instructional Material	Subject/Area	Language	Level
Correspondence lessons	English	English & Hindi	BA (Pass)
	Hindi	Hindi	
	Punjabi		
	Tamil		
	Sanskrit		
	Mathematics		
	Economics		
	History		
	Political Science		
	Commerce		B.Com (Pass & Hons.)
	Hindi	Hindi	Master Degree
	Political Science	English	

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For further information, contact Shri Ruddar Datt, Principal,  
School of Correspondence Courses and Continuing Education.

## NEW ZEALAND

Massey University  
Centre for University Extramural Studies (CUES)  
Palmerston North  
New Zealand

Massey University: Dr. Neil Waters, Vice-Chancellor  
CUES : Prof. Donald Bewley, Director of  
Extramural Studies

Instructional Material	Subject/Area	Level
Usually they include study guide, supportive reading (especially reprints of articles). Many courses have audio cassette support materials, some use video-cassettes, but no open broadcasting is employed. Some science courses have a little kitset material.	<u>Faculties of Humanities and Social Sciences</u> Classical Studies Computer Science Economics Education English Geography History Mathematics and Statistics Modern Languages: French, German, Japanese Maori Studies Nursing Studies Philosophy Psychology Religious Studies Social Anthropology Sociology Social Work Regional Planning	Bachelor Degree and/or Diploma level.
On campus courses, some voluntary, some compulsory, available for almost all subjects.	<u>Faculty of Agricultural and Horticultural Science</u> Agriculture Horticulture Agricultural Economics Farm Management Soil Science	
Regional support for students available through widespread student organization and liaison with community education organizations and institutions.		

*Resource materials used in distance teaching*

Instructional Material	Subject/Area	Level
	<u>Faculty of Business Studies</u> Accounting and Finance Management and Administration Marketing	
	<u>Faculty of Education</u> Education Guidance and Counselling Educational Administration Health Education	
	<u>Faculty of Food Science and Biotechnology</u> Food Quality Assurance Quality Assurance Production Technology	
	<u>Faculty of Science</u> Botany and Zoology Chemistry, Biochemistry and Biophysics Microbiology and Genetics	

(Listing does not include all the subjects. A large number of courses are offered in these subjects or areas of study.)

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All materials are in English.

For further information, communication may be addressed to Prof. Donald Bewley, Director of Extramural Studies, Massey University.

## PAKISTAN

Allama Iqbal Open University  
 Institute of Education and Research Cell  
 H-8, Islamabad  
 Pakistan

Dr. G.A. Allana, Vice-Chancellor

Instructional Material	Subject/Area	Language	Level	Comments
Correspondence materials	Education	English	Bach Degree Intermediate	Intermediate level course being used for in-service teacher training
Radio/TV Programmes Cassettes	Educational Planning and Management	English	Master's	Seven correspondence courses are available on EPM. Each course comprises sixteen correspondence units
	Teacher Education	Urdu	Intermediate and Post Intermediate	
	Population Education	Urdu	Degree and Post-Degree	Degree and Post-Degree courses being used for in-service teacher education
	Adult Education	Urdu/ Sindhi/ Pushto	Literacy	
	English	English	Master/Bach Degree/ Intermediate	
	Economics	Urdu/ English	Degree/ Intermediate	
	Sociology	Urdu	Degrees	
	History	Urdu	Degrees	
	Pakistan Studies	Urdu	Degrees/ Intermediate	
	Arabic	Arabic	Degrees	
	Islamiat	Urdu/ Arabic	Degrees/ Intermediate	
	Industrial Education	Urdu/ English	BA/ Intermediate	
	Urdu	Urdu	Degrees/ Intermediate	

An assortment of other short courses in areas such as agricultural science, food and nutrition, child care and development, maintenance and repair of tractors etc. are also offered.

For further details, correspondence may be addressed to Dr. Shakat Ali Siddiqi, Director, Institute of Education and Research, Allama Iqbal Open University, Islamabad.

## SRI LANKA

The Open University of Sri Lanka  
Nawala, Nugegoda  
Sri Lanka

Prof. P.D. Gunatilake, Vice-Chancellor

Instructional Material	Subject/Area	Level
Printed texts and audio cassettes with minimal use of other communication technologies	Science <ul style="list-style-type: none"><li>- Biology, Chemistry,</li><li>- Mathematics, Physics,</li><li>- Botany, Statistics,</li><li>- Zoology, Education</li></ul> Law	Undergraduate
	Civil Technology	3-year Certificate
	Communication Technology	"
	Electrical Technology	"
	Electronics Technology	"
	Mechanical Technology	"
	Textile Technology	"
	Entrepreneurship	1-year Certificate
	Professional English	"
	Pre-school Education	"
	Education	2-year Diploma

Except for 'Professional English' course, instructional materials are available in Sinhala, Tamil and English.

For further details, correspondence may be made with the Assistant Registrar (Academic) of the Open University of Sri Lanka.

## THAILAND

Ramkhamhaeng University  
Ramkhamhaeng Road  
Huamark - Bangkapi  
Bangkok 10240, Thailand

Assoc. Prof. Sukhum Nualskul, Rector

Instructional Material	Subject/Area	Language	Level
Textbooks	Law	Thai	Undergraduate
T.V.	Business Administration		
Radio	Humanities		
Video Tapes	Education		
Cassette Tapes	Science		
Audio Tapes	Political Science		
	Economics		

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Instructional materials are in Thai.

For further details, write to Dr. Pat Noisaengsri, Vice Rector for Academic Affairs, Ramkhamhaeng University.

Sukhothai Thammathirat Open University  
328 Sri Ayudhaya Road  
Phyathai  
Bangkok 10400, Thailand

Prof. Wichit Srisa-an, Rector

Instructional Material	Subject/Area	Level
Correspondence lessons	<u>School of Educational Studies</u>	
	Four-Year Programme	
T.V. programmes	Elementary Education	B.Ed
	Secondary Education	B.Ed
Radio programmes	Two-Year Programme	
	Elementary Education	B.Ed
	Secondary Education	B.Ed
Audio cassette tapes	Educational Administration	B.Ed
Tutorial lessons	<u>School of Management Science</u>	
	Four-Year Programme	
	General Management	BBA
	Two-Year Programme	
	General Management	BBA
	Construction Management	BBA
	<u>School of Law</u>	
	Four-Year Programme	
	Law	LLB
	Three-Year Programme	
	Law	LLB
	<u>School of Economics</u>	
	Four-Year Programme	
	Economics	B.Econ
	Three-Year Programme	
	Economics	B.Econ

Instructional Material	Subject/Area	Level
<b><u>School of Health Science</u></b>		
Four-Year Programme		
Health Management		BPH
Public Health		BPH
Nursing		BN
Two-Year Programme		
Health Management		BPH
Public Health		BPH
Nursing		BN
<b><u>School of Home Economics</u></b>		
Four-Year Programme		
Community Nutrition		BHE
Child and Family Development		BHE
<b><u>School of Agricultural Extension and Co-operatives</u></b>		
Four-Year Programme		
Agricultural Extension		B.AgExt.Coop.
Co-operatives		B.AgExt.Coop.
Two-Year Programme		
Agricultural Extension		B.AgExt.Coop.
Co-operatives		B.AgExt.Coop.
<b><u>School of Political Science</u></b>		
Four-Year Programme		
Political Theories and Techniques		BA in Pol.Sc.
International Relations and Comparative Politics		BA in Pol.Sc.
Three-Year Programme		
Political Theories and Techniques		BA in Pol.Sc.
International Relations and Comparative Politics		BA in Pol.Sc.

*Resource materials used in distance teaching*

Instructional Material	Subject/Area	Level
<u>School of Communication Arts</u>		
Four-Year Programme Communication Arts		B.Com.Arts
Three-Year Programme Communication Arts		B.Com.Arts

Comments: The University also co-operates with various agencies in setting up programmes of personnel development for the respective agencies using the distance teaching mode such as: Policy Department (Bachelor Degree for non-commissioned police officers), Department of Local Administration, Department of Lands, Ministry of Agriculture and Co-operatives, Office of the National Primary Education Commission, the Bangkok Bank, and Department of Non-Formal Education.

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Instructional materials are in Thai.

For further information, correspondence may be addressed to Dr. Tong-In Wangsotorn, Vice Rector for Administration, Sukhothai Thammathirat Open University.

## APPENDIX A

Unesco Regional Office for Education in Asia and the Pacific  
Bangkok

### Proforma for Collecting Information on Resource Materials in Distance Education

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- A. Resource materials for the present purpose means correspondence lessons, radio/television scripts, cassette tapes, resource kits, video cassettes, slides, programmed textbooks, etc., used for teaching/training at the post-secondary level (i.e. after 12th grade) for degree, diploma, certificate, and other courses.
- B. The proforma has been designed only as guidelines to collect information in a common frame. Should there be any difficulty in adhering to the proforma, the materials may be presented in the manner suitable to the institution concerned.
- C. The completed questionnaire may be mailed to the following address by 31 August 1983:

Specialist in Higher Education  
Unesco Regional Office for Education  
in Asia and the Pacific  
P. O. Box 1425  
General Post Office  
Bangkok 10500, Thailand

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- 1. Name of the institution
- 2. Complete postal address
- 3. Name and designation of the head of the institution

Proforma for Collecting ... (cont'd)

4. Resource materials

Type of Instructional Material	Area/Subject	Language	Level for which Appropriate	Comments, if any
e.g. Science Kit	Biology	English	Undergraduate	Can also be used for in-service training of primary school teachers
Correspondence lessons	Sociology Home Economics	English	Both Under-graduate and certificate courses	

5. Please also list, if possible, one or two persons who have worked in instructional materials development giving their name, age, academic qualification, present position and their specific work such as correspondence lesson writing, editing, radio/television script writing, production of broadcasting materials and etc.
6. Any other information
7. Name and designation of the person filling in the proforma and the date